

#6/3-16-04 V. Jones

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Inventor:

Nisha D. Talagala and

Chia Y. Wu

Serial No.: 09/846,374

Filing Date: April 30, 2001

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Atty. Dkt. No.: 5681-76700

Art Unit: 2133

Examiner: John P. Trimmings

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below:

B. Noel Kivlin

dicated below:

Name of Registered Representative

Place Signature

POWER OF ATTORNEY BY ASSIGNEE AND REVOCATION OF PREVIOUS POWERS

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Technology Center 2100

Sir:

SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 4150 Network Circle, Santa Clara, California 95054, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §§1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Andrew C. Chen	Reg. No. 43,544	Noreen A. Krall	Reg. No. 39,734
Bernice B. Chen	Reg. No. 42,403	Elaine K. Lee	Reg. No. 41,936
Arien C. Ferrell	Reg. No. 46,696	Sean P. Lewis	Reg. No. 42,798
Marc D. Foodman	Reg. No. 34,110	Jeffrey L. Myers	Reg. No. 44,252
Marilyn E. Glaubensklee	Reg. No. 35,521	Paul D. Sorkin	Reg. No. 39,039
Anirma R. Gupta	Reg. No. 38,275	Monica Ward	Reg. No. 40,696

each of said attorneys being employed by Sun Microsystems; and

Mark K. Brightwell	Reg. No. 47,446	Lawrence J. Merkel	Reg. No. 41,191
Kay A. Colapret	Reg. No. 52,759	Eric B. Meyertons	Reg. No. 34,876
Stephen J. Curran	Reg. No. 50,664	Neal E. Persky	Reg. No. 53,452
Mark R. DeLuca	Reg. No. 44,649	Liza Philip	Reg. No. 51,352
Heather L. Flanagan	Reg. No. 54,101	David W. Quimby	Reg. No. 39,338
Russell Henrichs	Reg. No. 50,354	Rory D. Rankin	Reg. No. 47,884
Erik A. Heter	Reg. No. 50,652	Gareth Sampson	Reg. No. 52,191
Jeffrey C. Hood	Reg. No. 35,198	Chris Thompson	Reg. No. 43,188
B. Noël Kivlin	Reg. No. 33,929	Mark S. Williams	Reg. No. 50,658
Robert C. Kowert	Reg. No. 39,255		_

each of said attorneys or agents being a member or an associate of the firm of Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to:

B. Noël Kivlin

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.

P.O. Box 398

Austin, Texas 78767-0398

(512) 853-8840

Assignee of Interest

Sun Microsystems, Inc.

4150 Network Circle

Santa Clara, CA 95054

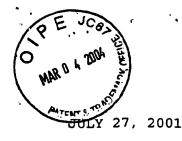
Dated:

Name: Noreen A. Krall

Reg. No.: 39,734

Title: Director of Intellectual Property,

Hardware and Systems





PARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

PTAS

SUN MICROSYSTEMS, INC. HUGH H. MATSUBAYASHI, ESO. 901 SAN ANTONIO ROAD M/S: PAL01-521 PALO ALTO, CALIFORNIA 94303

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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ASSIGNOR:

TALAGALA, NISHA D.

DOC DATE: 04/15/2001

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ASSIGNOR:

WU, CHIA Y.

DOC DATE: 04/02/2001

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Technology Center 2100

ASSIGNEE:

SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD

M/S: PALO1-521

PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09846374

PATENT NUMBER:

FILING DATE: 04/30/2001

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ISSUE DATE:

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Atty Dkt. No. P5599 US.

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Second Party						April 15, 2001 Execution Date	
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Address (line 1)	901 San Antonio Roa	d			repr	tes, an appointment of a cresentative is attached.	
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Atty Dkt. No. P5599 US

Corresponde	Correspondent Name and Address					
	Area (Code and Telephone Number	(510) 936–2733			
Name	Hugh H. Matsubayashi, Esq.		·			
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Address (line 2)	901 San Antonio Road					
Address (line 3)	M/S: PAL01-521					
Address (line 4)	Palo Alto, California 9430	03				
Pages	Enter the total number of pagincluding any attachments.	es of the attached conveyance	e document # 2			
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Statement and To the besing a true co	d Signature t of my knowledge and belief, to py of the original document. C	he foregoing information is tru charges to deposit account are	e and correct and authorized, as in	any attached copy dicated herein.		
Hugh H. Matsuba	ıvashi	Hugh Id Maker	lares	April 30, 2001		
Name of Person S Reg. No. 43,779		Signature		Date		

<u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **SUN MICROSYSTEMS, INC.** (the Assignee), a corporation organized and existing under and by virtue of the laws of the State of **Delaware**, and having its principal place of business at **901 San Antonio Road, Palo Alto, California 94303** their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, DATA INTEGRITY ERROR HANDLING IN A REDUNDANT STORAGE ARRAY, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

By: Nisha D. Talagala

Date: 4/15/2001

Date: 4/2/2001

Hugh H. Matsubayashi Registration Number: 43,779 Sun Microsystems, Inc. 901 San Antonio Road, MS: UPAL01-521 Palo Alto, CA. 94303